

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033913.D
 Acq On : 14 Sep 2024 13:17
 Operator : JU/RC
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4304

Quant Time: Sep 15 01:58:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

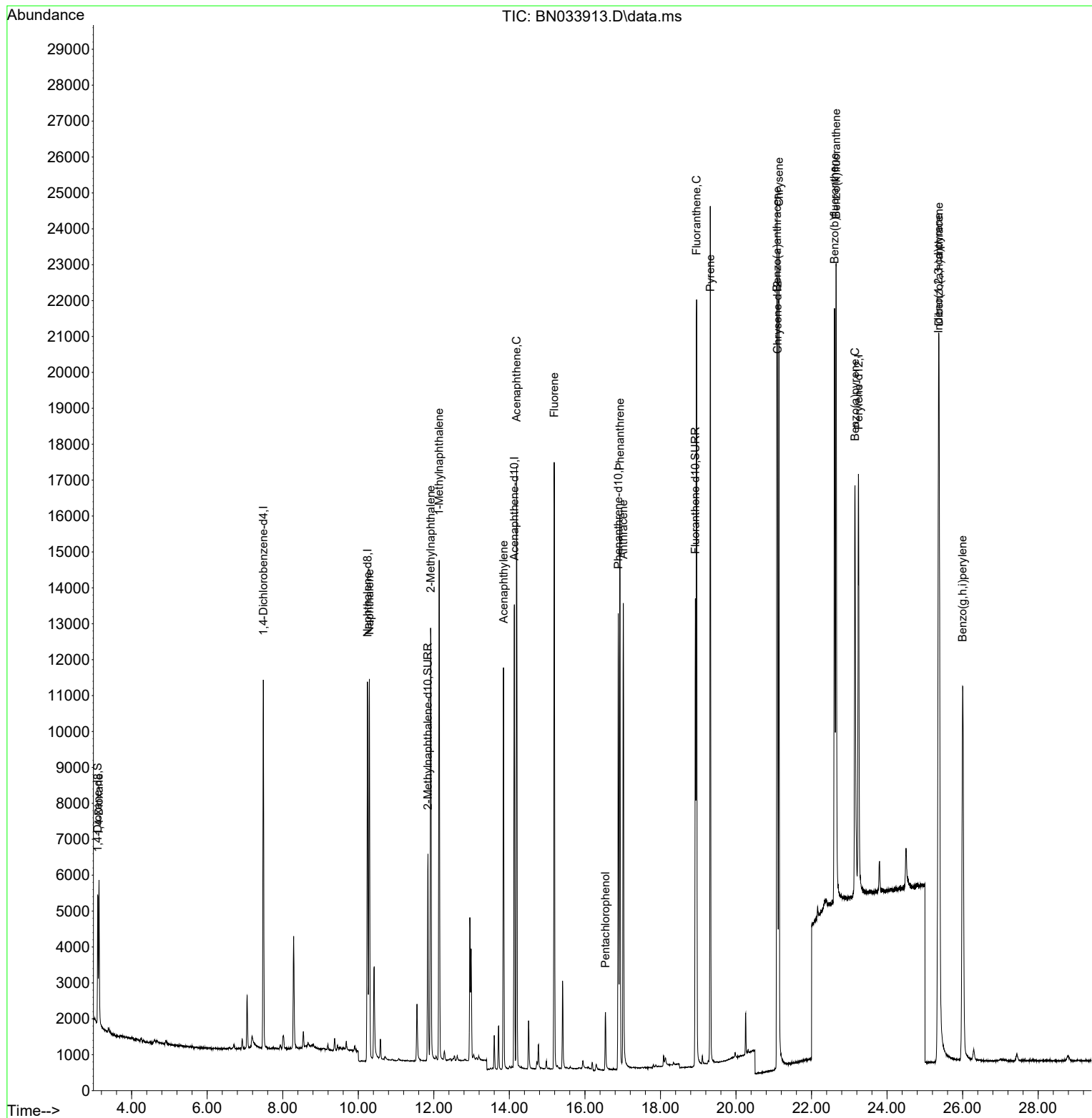
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	4994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	13728	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.133	164	7041	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.885	188	14720	0.400	ng/ul	0.00
17) Chrysene-d12	21.101	240	13067	0.400	ng/ul	0.00
23) Perylene-d12	23.243	264	14992	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	2196	0.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.845	152	7662	0.389	ng/ul	0.00
18) Fluoranthene-d10	18.925	212	14542	0.373	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	2478	0.435	ng/ul#	90
5) Naphthalene	10.294	128	14231	0.388	ng/ul	100
7) 2-Methylnaphthalene	11.922	142	9040	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.142	142	9417	0.394	ng/ul	99
10) Acenaphthylene	13.846	152	12464	0.390	ng/ul	100
11) Acenaphthene	14.193	153	9297	0.403	ng/ul	98
12) Fluorene	15.188	166	10327	0.400	ng/ul	98
14) Pentachlorophenol	16.543	266	1218	0.263	ng/ul	99
15) Phenanthrene	16.927	178	16329	0.376	ng/ul	100
16) Anthracene	17.016	178	14478	0.371	ng/ul	99
19) Fluoranthene	18.957	202	18559	0.360	ng/ul	99
20) Pyrene	19.320	202	19475	0.356	ng/ul	99
21) Benzo(a)anthracene	21.086	228	18264	0.355	ng/ul	98
22) Chrysene	21.139	228	19728	0.380	ng/ul	100
24) Benzo(b)fluoranthene	22.608	252	20258	0.348	ng/ul	97
25) Benzo(k)fluoranthene	22.652	252	21982	0.378	ng/ul	97
26) Benzo(a)pyrene	23.152	252	17229	0.369	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.361	276	26526	0.378	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.378	278	20519	0.376	ng/ul	98
29) Benzo(g,h,i)perylene	26.002	276	21075	0.384	ng/ul	98

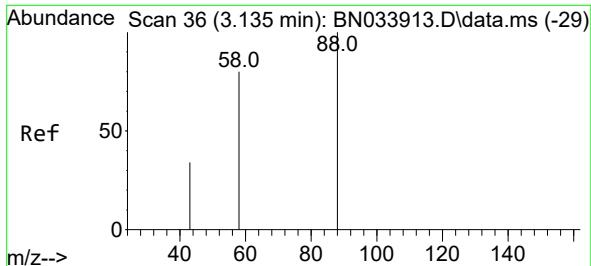
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
Data File : BN033913.D
Acq On : 14 Sep 2024 13:17
Operator : JU/RC
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4304

Quant Time: Sep 15 01:58:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 01:52:43 2024
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.435 ng/ul

RT: 3.135 min Scan# 36

Delta R.T. 0.000 min

Lab File: BN033913.D

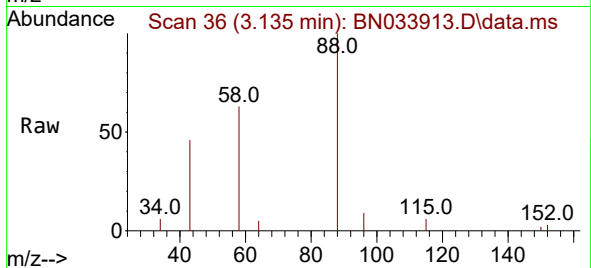
Acq: 14 Sep 2024 13:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.4304



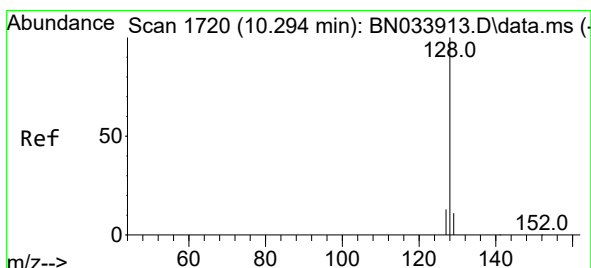
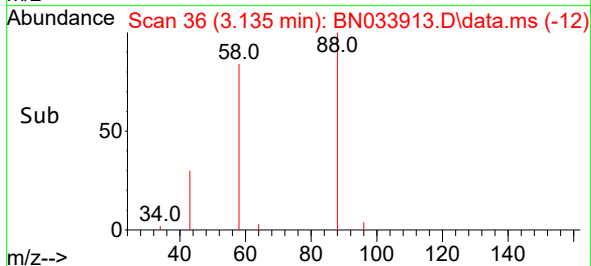
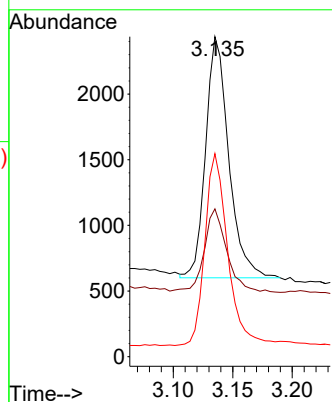
Tgt Ion: 88 Resp: 2478

Ion Ratio Lower Upper

88 100

43 46.2 47.0 70.4#

58 63.4 53.0 79.4



#5

Naphthalene

Concen: 0.388 ng/ul

RT: 10.294 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BN033913.D

Acq: 14 Sep 2024 13:17

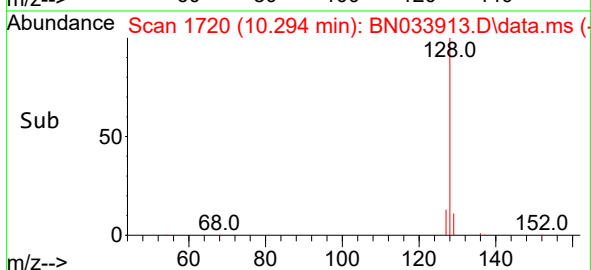
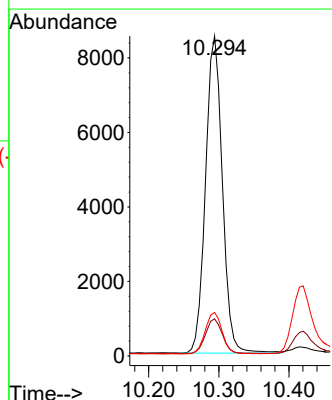
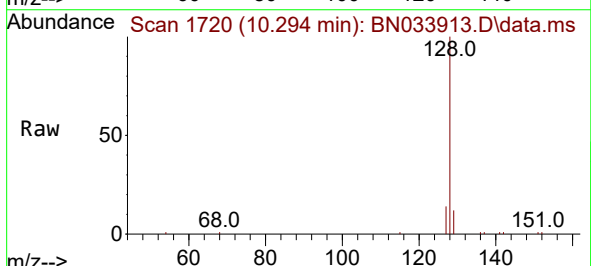
Tgt Ion: 128 Resp: 14231

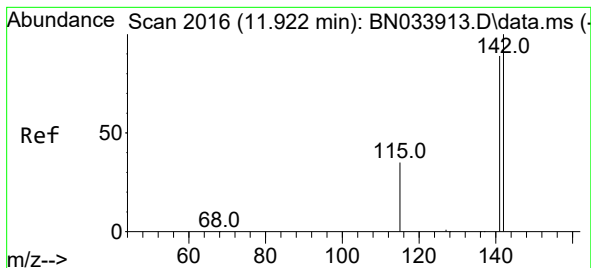
Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

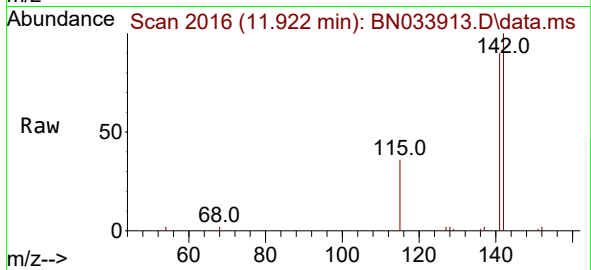
127 13.6 10.8 16.2



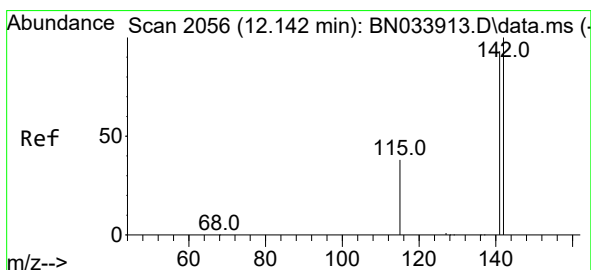
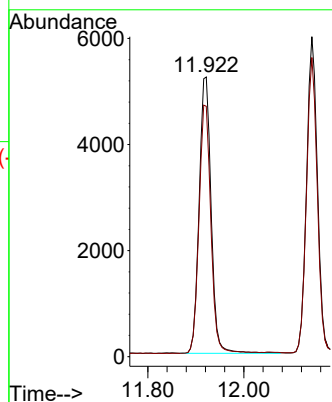
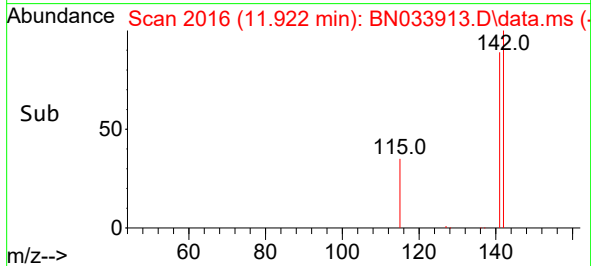


#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 11.922 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN033913.D
Acq: 14 Sep 2024 13:17

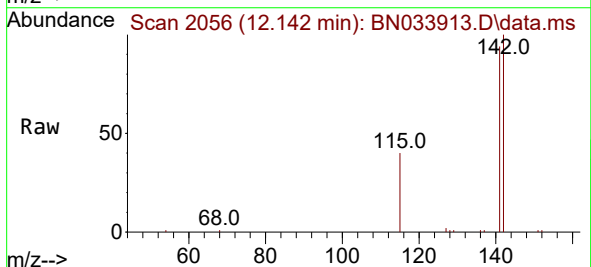
Instrument :
BNA_N
ClientSampleId :
SSTD0.4304



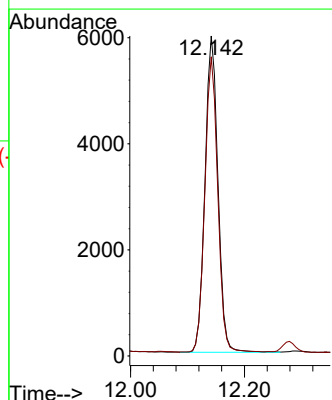
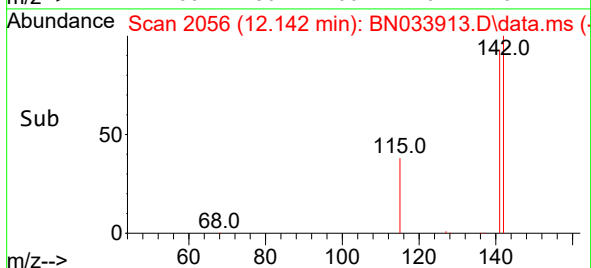
Tgt Ion:142 Resp: 9040
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7

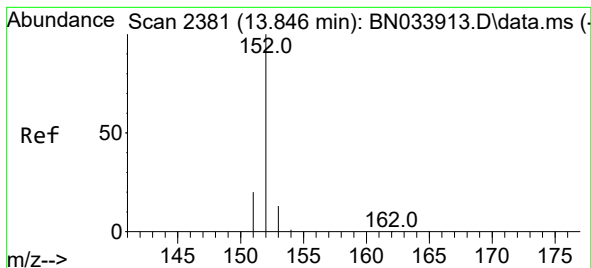


#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.142 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN033913.D
Acq: 14 Sep 2024 13:17



Tgt Ion:142 Resp: 9417
Ion Ratio Lower Upper
142 100
141 92.7 73.6 110.4





#10

Acenaphthylene

Concen: 0.390 ng/ul

RT: 13.846 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN033913.D

Acq: 14 Sep 2024 13:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.4304

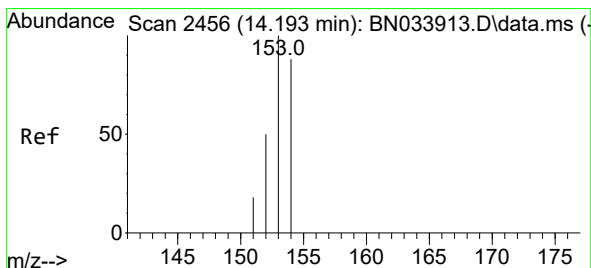
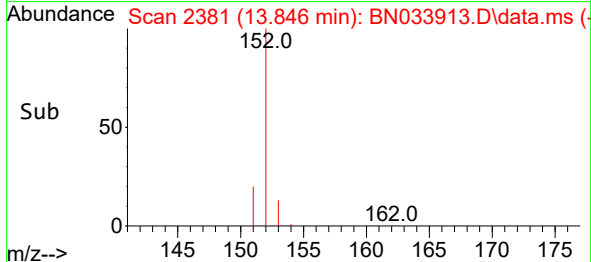
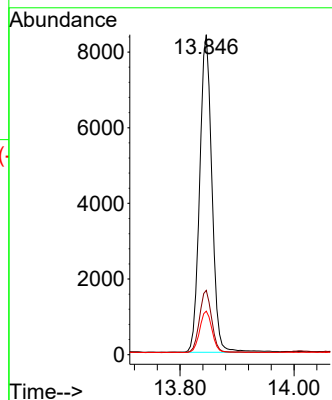
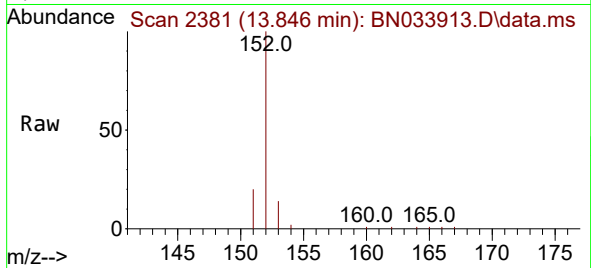
Tgt Ion:152 Resp: 12464

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.6 10.8 16.2



#11

Acenaphthene

Concen: 0.403 ng/ul

RT: 14.193 min Scan# 2456

Delta R.T. 0.000 min

Lab File: BN033913.D

Acq: 14 Sep 2024 13:17

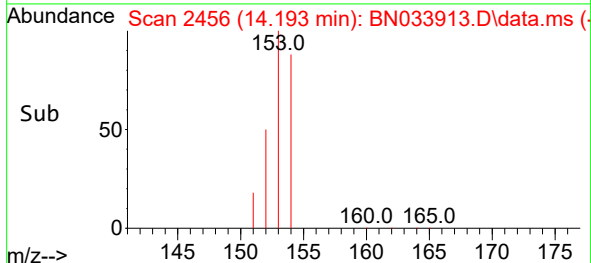
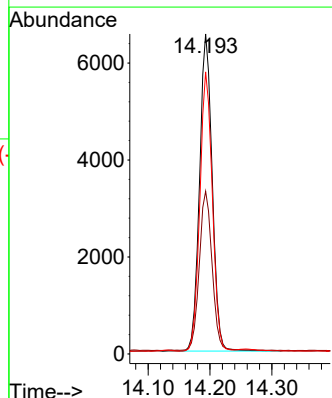
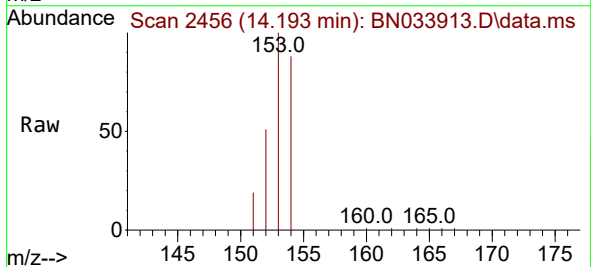
Tgt Ion:153 Resp: 9297

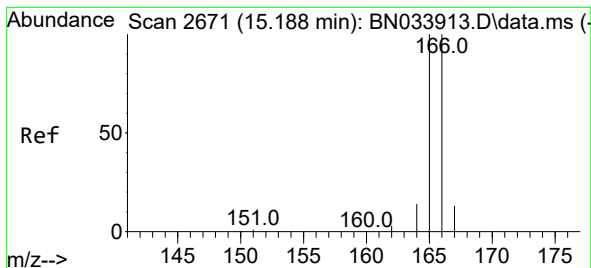
Ion Ratio Lower Upper

153 100

152 50.8 39.8 59.8

154 88.2 69.0 103.6





#12

Fluorene

Concen: 0.400 ng/ul

RT: 15.188 min Scan# 2671

Delta R.T. 0.000 min

Lab File: BN033913.D

Acq: 14 Sep 2024 13:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.4304

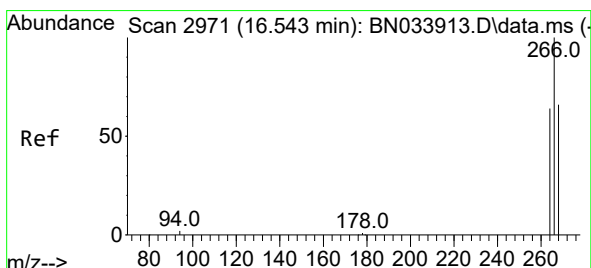
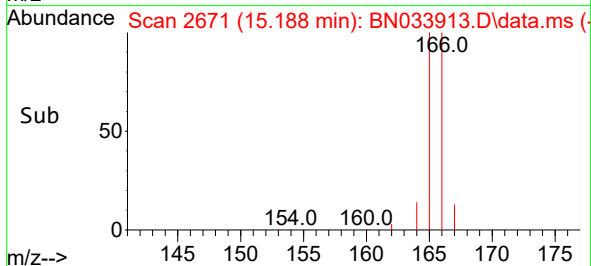
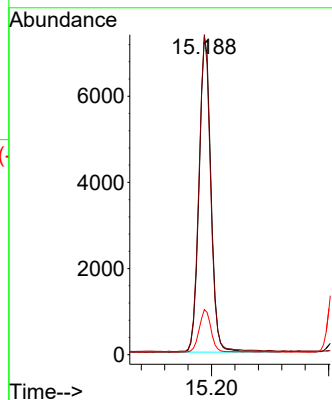
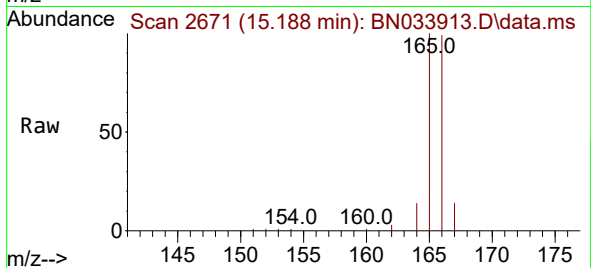
Tgt Ion:166 Resp: 10327

Ion Ratio Lower Upper

166 100

165 100.7 79.1 118.7

167 14.2 11.4 17.0



#14

Pentachlorophenol

Concen: 0.263 ng/ul

RT: 16.543 min Scan# 2971

Delta R.T. 0.000 min

Lab File: BN033913.D

Acq: 14 Sep 2024 13:17

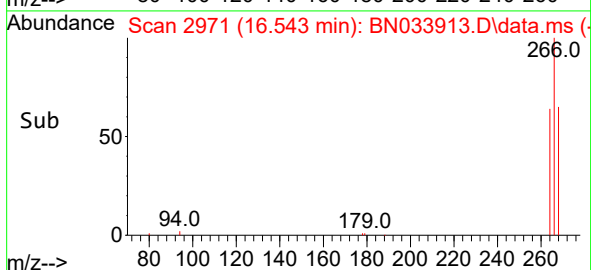
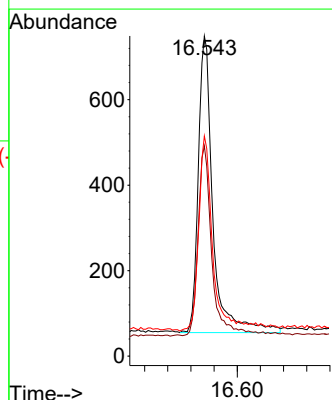
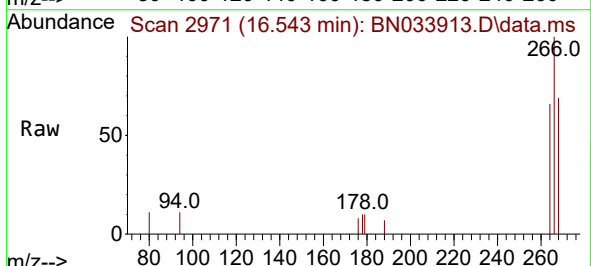
Tgt Ion:266 Resp: 1218

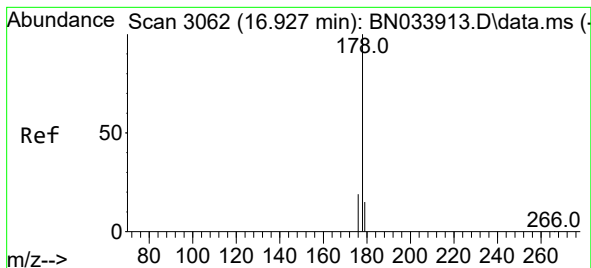
Ion Ratio Lower Upper

266 100

264 60.8 50.3 75.5

268 64.7 51.7 77.5





#15

Phenanthrene

Concen: 0.376 ng/ul

RT: 16.927 min Scan# 3062

Delta R.T. 0.000 min

Lab File: BN033913.D

Acq: 14 Sep 2024 13:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.4304

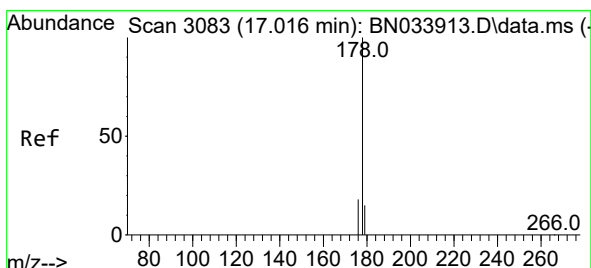
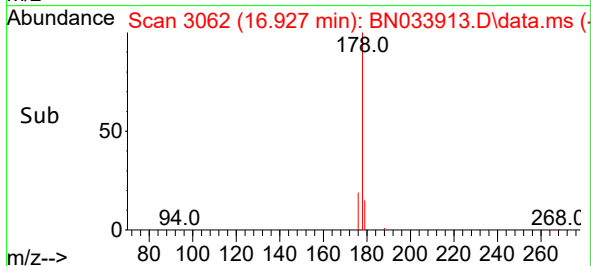
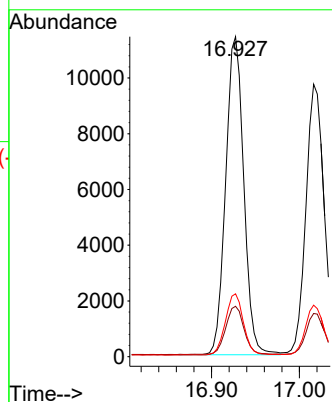
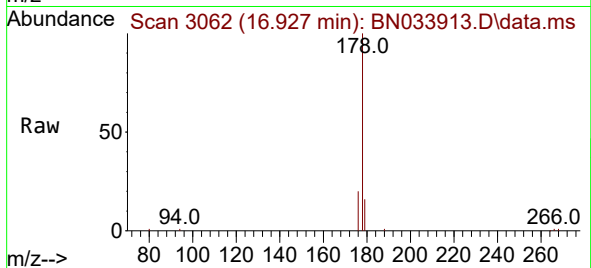
Tgt Ion:178 Resp: 16329

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 19.6 15.7 23.5



#16

Anthracene

Concen: 0.371 ng/ul

RT: 17.016 min Scan# 3083

Delta R.T. 0.000 min

Lab File: BN033913.D

Acq: 14 Sep 2024 13:17

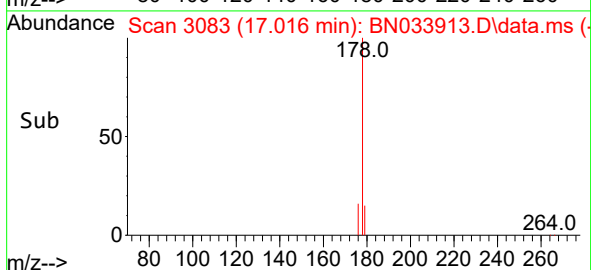
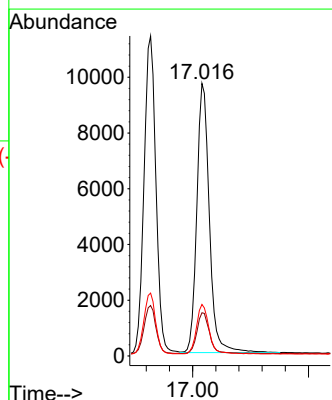
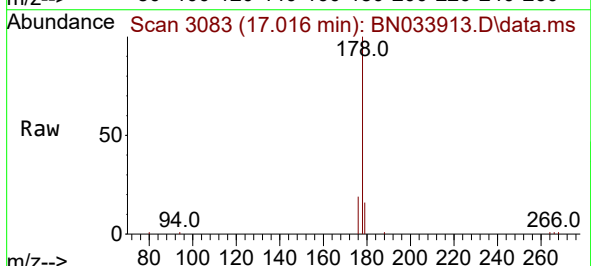
Tgt Ion:178 Resp: 14478

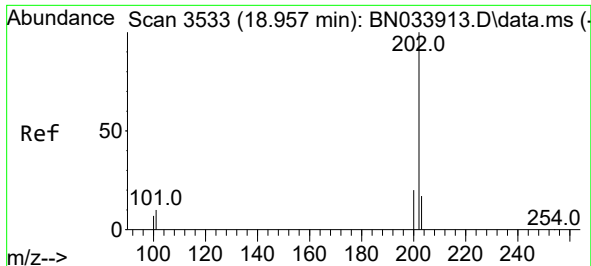
Ion Ratio Lower Upper

178 100

179 15.8 13.0 19.4

176 18.9 15.2 22.8

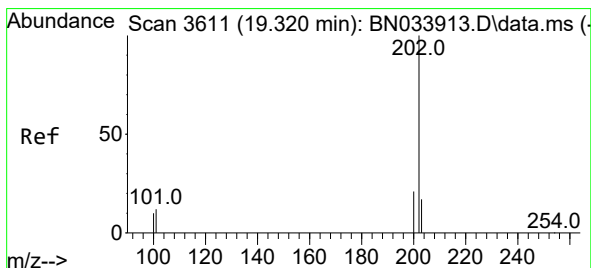
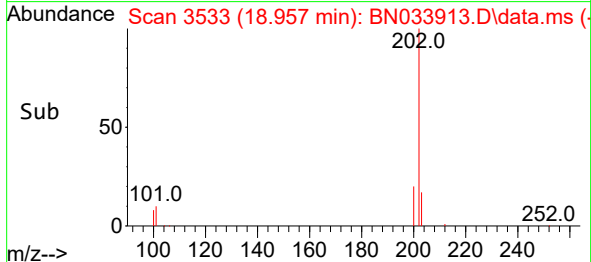
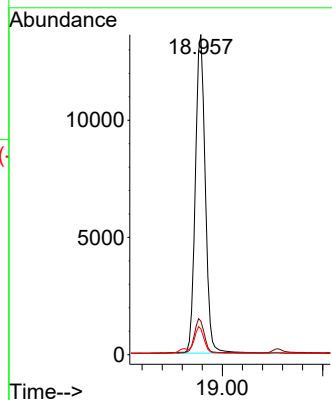
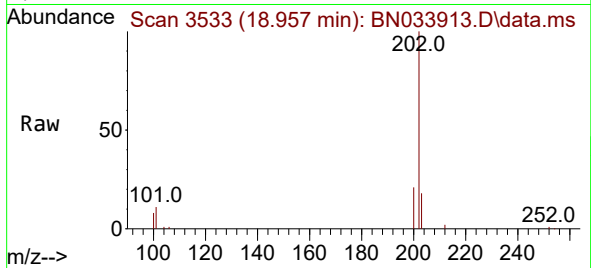




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 18.957 min Scan# 3533
Delta R.T. 0.000 min
Lab File: BN033913.D
Acq: 14 Sep 2024 13:17

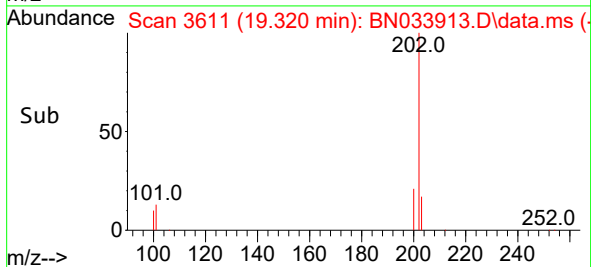
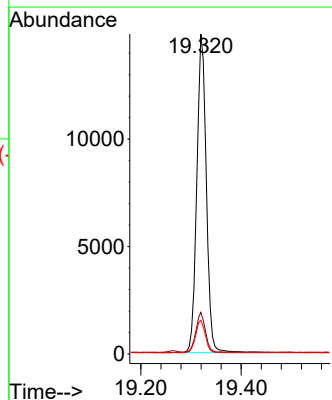
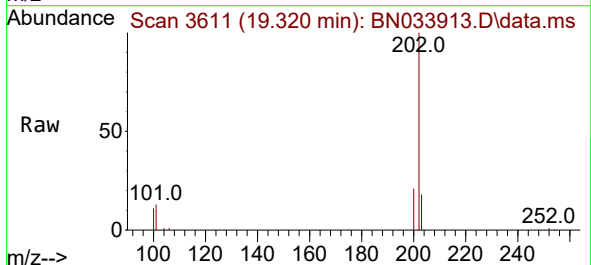
Instrument :
BNA_N
ClientSampleId :
SSTD0.4304

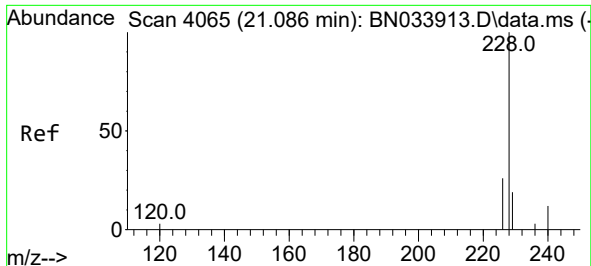
Tgt Ion:202 Resp: 18559
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.4
100 8.1 6.7 10.1



#20
Pyrene
Concen: 0.356 ng/ul
RT: 19.320 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BN033913.D
Acq: 14 Sep 2024 13:17

Tgt Ion:202 Resp: 19475
Ion Ratio Lower Upper
202 100
101 13.0 10.8 16.2
100 10.6 8.7 13.1

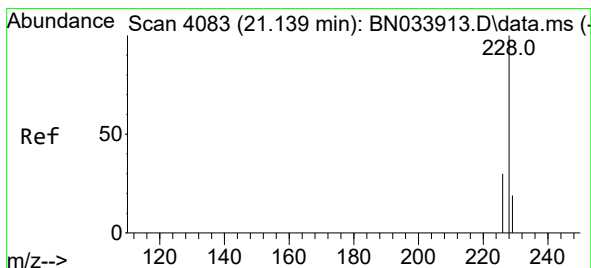
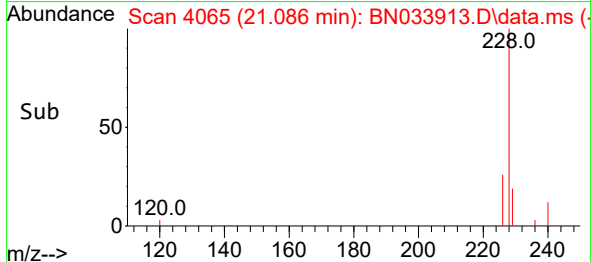
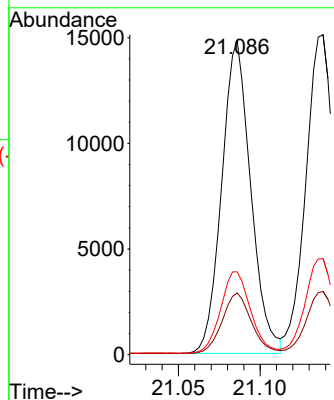
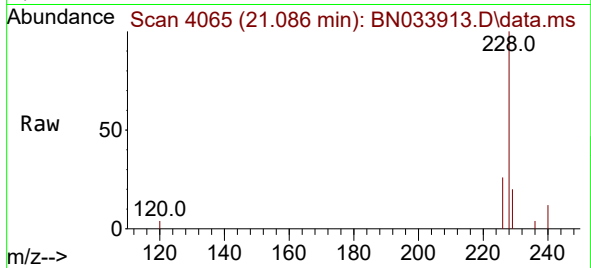




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.086 min Scan# 4065
Delta R.T. 0.000 min
Lab File: BN033913.D
Acq: 14 Sep 2024 13:17

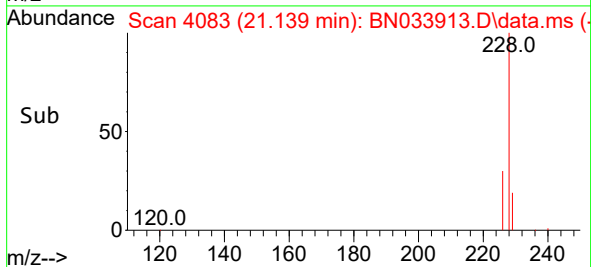
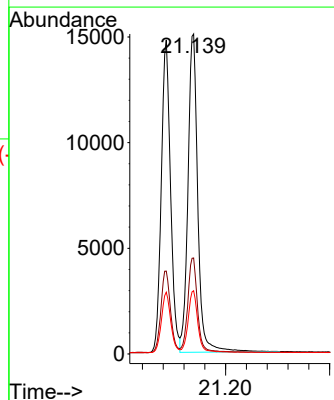
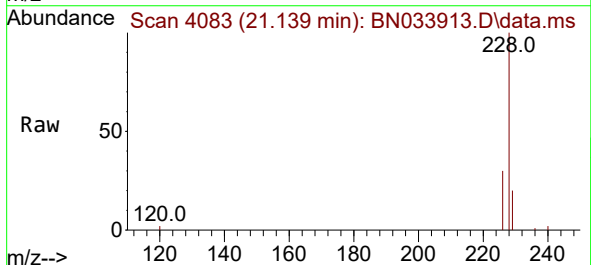
Instrument :
BNA_N
ClientSampleId :
SSTD0.4304

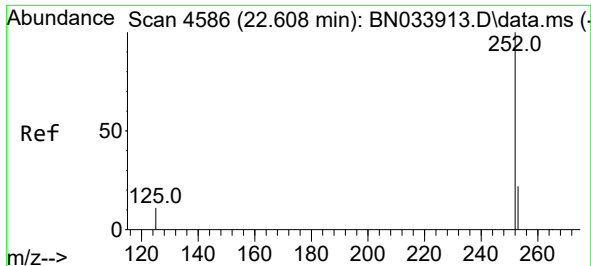
Tgt Ion:228 Resp: 18264
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.2
226 26.4 22.1 33.1



#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.139 min Scan# 4083
Delta R.T. 0.000 min
Lab File: BN033913.D
Acq: 14 Sep 2024 13:17

Tgt Ion:228 Resp: 19728
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.7 15.6 23.4

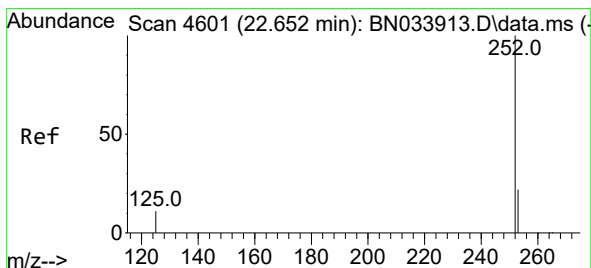
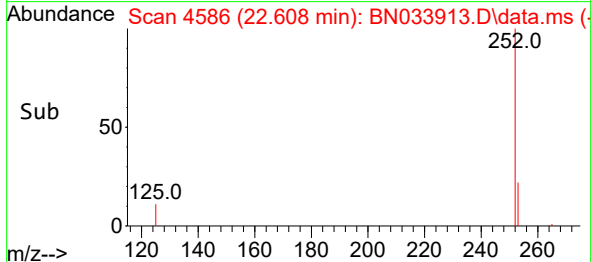
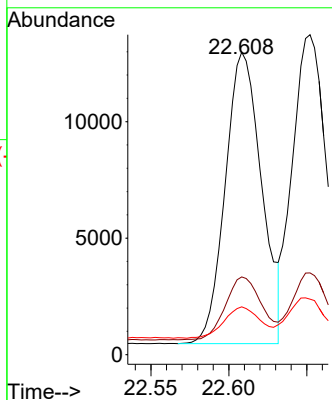
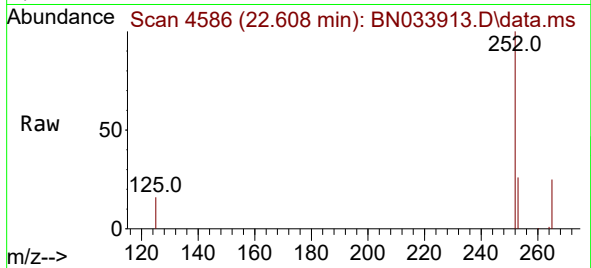




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 22.608 min Scan# 4586
Delta R.T. 0.000 min
Lab File: BN033913.D
Acq: 14 Sep 2024 13:17

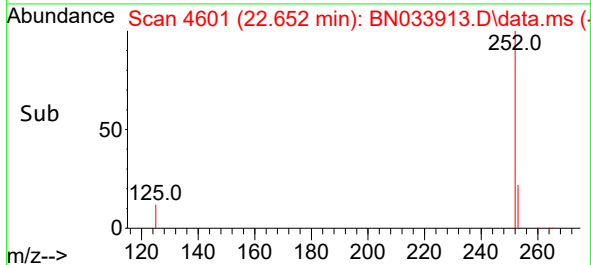
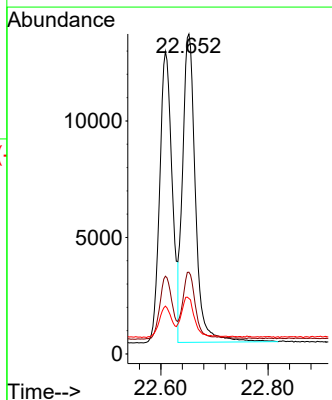
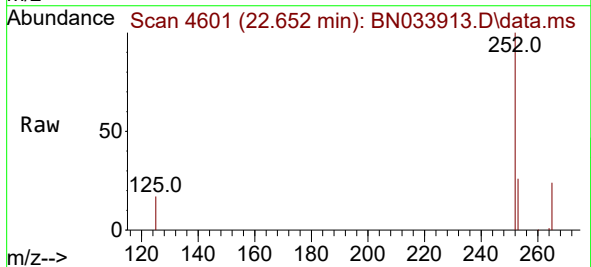
Instrument :
BNA_N
ClientSampleId :
SSTD0.4304

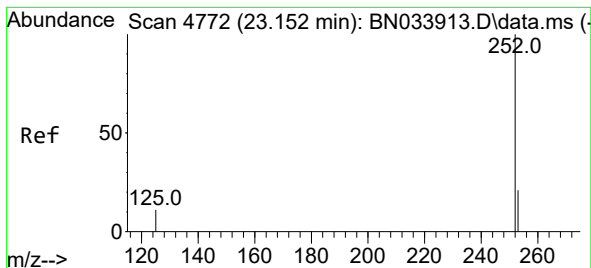
Tgt Ion:252 Resp: 20258
Ion Ratio Lower Upper
252 100
253 25.7 0.0 52.8
125 15.8 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.652 min Scan# 4601
Delta R.T. 0.000 min
Lab File: BN033913.D
Acq: 14 Sep 2024 13:17

Tgt Ion:252 Resp: 21982
Ion Ratio Lower Upper
252 100
253 25.5 21.4 32.0
125 17.4 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.369 ng/ul

RT: 23.152 min Scan# 4772

Delta R.T. 0.000 min

Lab File: BN033913.D

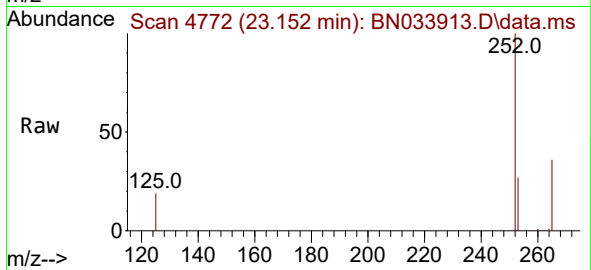
Acq: 14 Sep 2024 13:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.4304



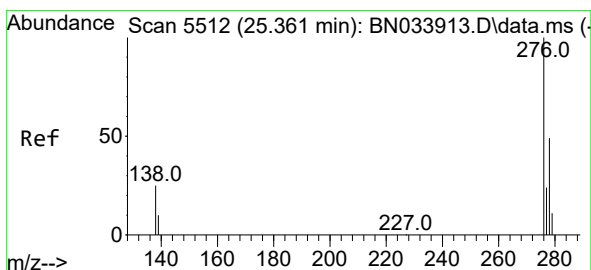
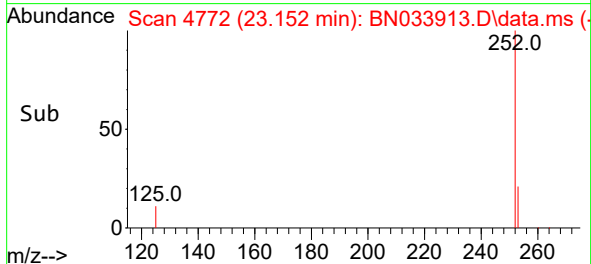
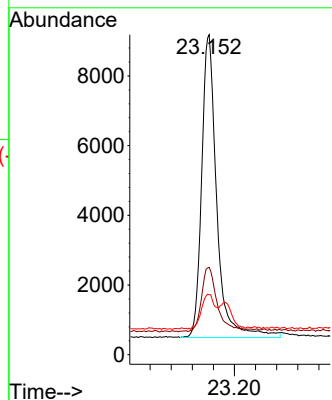
Tgt Ion:252 Resp: 17229

Ion Ratio Lower Upper

252 100

253 27.3 22.8 34.2

125 18.8 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.378 ng/ul

RT: 25.361 min Scan# 5512

Delta R.T. 0.000 min

Lab File: BN033913.D

Acq: 14 Sep 2024 13:17

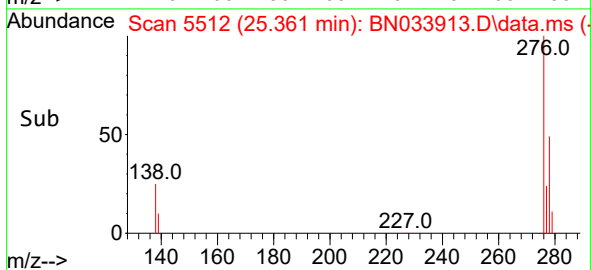
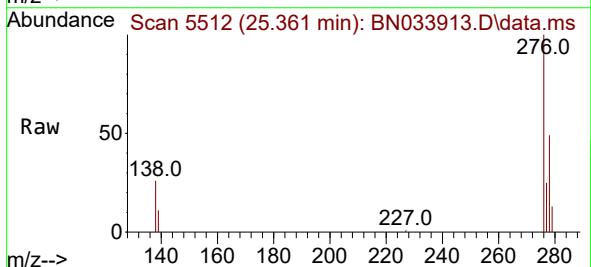
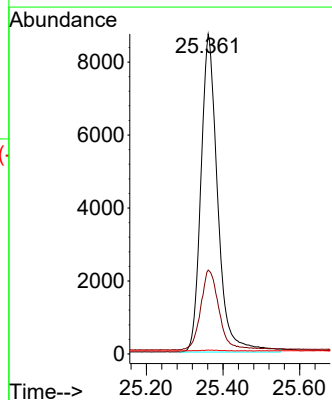
Tgt Ion:276 Resp: 26526

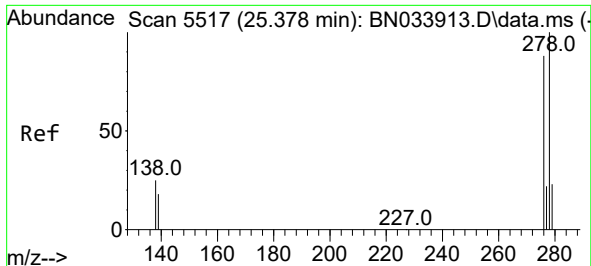
Ion Ratio Lower Upper

276 100

138 27.8 22.3 33.5

227 0.2 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.376 ng/ul

RT: 25.378 min Scan# 5517

Delta R.T. 0.000 min

Lab File: BN033913.D

Acq: 14 Sep 2024 13:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.4304

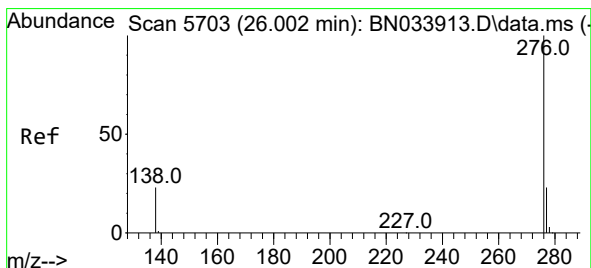
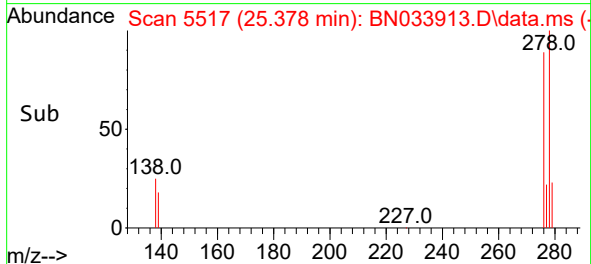
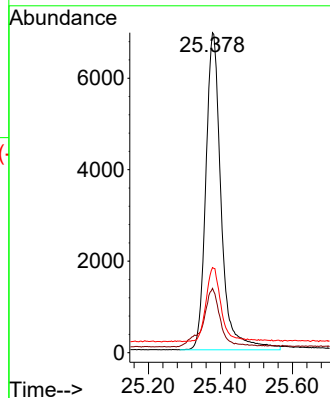
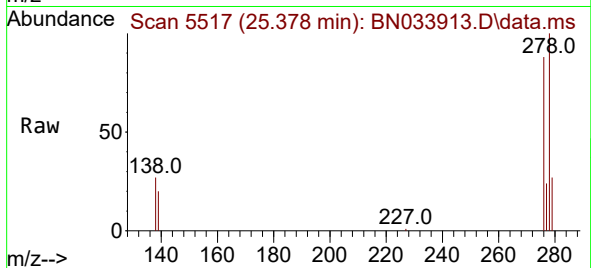
Tgt Ion:278 Resp: 20519

Ion Ratio Lower Upper

278 100

139 20.1 17.3 25.9

279 26.6 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.384 ng/ul

RT: 26.002 min Scan# 5703

Delta R.T. 0.000 min

Lab File: BN033913.D

Acq: 14 Sep 2024 13:17

Tgt Ion:276 Resp: 21075

Ion Ratio Lower Upper

276 100

138 24.8 20.8 31.2

277 24.5 20.2 30.4

